

L1 FILE 'REGISTRY' ENTERED AT 20:33:50 ON 27 JUL 2003  
6 S 150-76-5 OR 123-31-9 OR 120-80-9 OR 108-73-6 OR 108-46-3 OR 1

FILE 'CAPLUS, WPIDS, JAPIO, CABA, CROPU, CROPB, PROMT' ENTERED AT  
20:38:16 ON 27 JUL 2003

L2 FILE 'REGISTRY' ENTERED AT 20:38:28 ON 27 JUL 2003  
SET SMARTSELECT ON  
SEL L1 1- CHEM : 146 TERMS  
SET SMARTSELECT OFF

FILE 'CAPLUS, WPIDS, JAPIO, CABA, CROPU, CROPB, PROMT' ENTERED AT  
20:38:30 ON 27 JUL 2003

L3 158680 S L2/BI  
L4 9 S L3 (25A) BAIT?  
L5 193 S L3 (25A) (INSECTICID? OR CHITIN SYNTHESIS INHIBIT? OR INSECT  
L6 182 DUP REM L5 (11 DUPLICATES REMOVED)  
L7 2854 S L3 (25A) (CARDBOARD OR PAPER OR WOOD OR SAWDUST# OR SAW DUST  
L8 1428 S L3 (25A) (CARDBOARD OR WOOD OR SAWDUST# OR SAW DUST#)  
L9 9 S L7 AND L6  
L10 9 S L9 NOT L4  
L11 33 S L3 (15A) (SAWDUST# OR SAW DUST#)  
L12 31 DUP REM L11 (2 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 21:06:30 ON 27 JUL 2003

FILE 'CAPLUS, WPIDS, JAPIO, CABA, CROPU, CROPB, PROMT' ENTERED AT  
21:13:42 ON 27 JUL 2003

L13 1846 S L7 NOT RESIN?  
L14 1821 S L13 NOT L11  
L15 1789 S L14 NOT GLUE  
L16 1649 S L15 NOT PULP  
L17 1329 S L16 NOT (TAR OR ADHESIVE# OR RECOVER? OR TANNIN?)  
L18 1324 S L17 NOT TAPE  
L19 301 S L18 NOT PAPER  
L20 288 DUP REM L19 (13 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 21:20:49 ON 27 JUL 2003

FILE 'CAPLUS, WPIDS, JAPIO, CABA, CROPU, CROPB, PROMT' ENTERED AT  
21:30:59 ON 27 JUL 2003

FILE 'STNGUIDE' ENTERED AT 21:40:58 ON 27 JUL 2003

FILE 'CAPLUS, WPIDS, JAPIO, CABA, CROPU, CROPB, PROMT' ENTERED AT  
21:43:26 ON 27 JUL 2003

L21 6 S (L5 AND (CHITIN OR GROWTH REGULAT?)) NOT (L9 OR L11 OR L19

=> d que l1; d que l12; d que l21

L1 6 SEA FILE=REGISTRY 150-76-5 OR 123-31-9 OR 120-80-9 OR 108-73-6  
OR 108-46-3 OR 103-16-2

L1 6 SEA FILE=REGISTRY 150-76-5 OR 123-31-9 OR 120-80-9 OR 108-73-6  
OR 108-46-3 OR 103-16-2  
L2 SEL L1 1- CHEM : 146 TERMS  
L3 158680 SEA L2/BI  
L11 33 SEA L3 (15A) (SAWDUST# OR SAW DUST#)  
L12 31 DUP REM L11 (2 DUPLICATES REMOVED)

L1 6 SEA FILE=REGISTRY 150-76-5 OR 123-31-9 OR 120-80-9 OR 108-73-6

OR 108-46-3 OR 103-16-2  
 L2 SEL L1 1- CHEM : 146 TERMS  
 L3 158680 SEA L2/BI  
 L5 193 SEA L3 (25A) (INSECTICID? OR CHITIN SYNTHESIS INHIBIT? OR  
 INSECT GROWTH REGULAT?)  
 L6 182 DUP REM L5 (11 DUPLICATES REMOVED)  
 L7 2854 SEA L3 (25A) (CARDBOARD OR PAPER OR WOOD OR SAWDUST# OR SAW  
 DUST#)  
 L9 9 SEA L7 AND L6  
 L11 33 SEA L3 (15A) (SAWDUST# OR SAW DUST#)  
 L13 1846 SEA L7 NOT RESIN?  
 L14 1821 SEA L13 NOT L11  
 L15 1789 SEA L14 NOT GLUE  
 L16 1649 SEA L15 NOT PULP  
 L17 1329 SEA L16 NOT (TAR OR ADHESIVE# OR RECOVER? OR TANNIN?)  
 L18 1324 SEA L17 NOT TAPE  
 L19 301 SEA L18 NOT PAPER  
 L21 6 SEA (L5 AND (CHITIN OR GROWTH REGULAT?)) NOT (L9 OR L11 OR  
 L19)



See also L24

same files used

=> d que 124

L1 6 SEA FILE=REGISTRY 150-76-5 OR 123-31-9 OR 120-80-9 OR 108-73-6  
OR 108-46-3 OR 103-16-2  
L2 SEL L1 1- CHEM : 146 TERMS  
L3 158680 SEA L2/BI  
L5 193 SEA L3 (25A) (INSECTICID? OR CHITIN SYNTHESIS INHIBIT? OR  
INSECT GROWTH REGULAT?)  
L6 182 DUP REM L5 (11 DUPLICATES REMOVED)  
L7 2854 SEA L3 (25A) (CARDBOARD OR PAPER OR WOOD OR SAWDUST# OR SAW  
DUST#)  
L9 9 SEA L7 AND L6  
L11 33 SEA L3 (15A) (SAWDUST# OR SAW DUST#)  
L13 1846 SEA L7 NOT RESIN?  
L14 1821 SEA L13 NOT L11  
L15 1789 SEA L14 NOT GLUE  
L16 1649 SEA L15 NOT PULP  
L17 1329 SEA L16 NOT (TAR OR ADHESIVE# OR RECOVER? OR TANNIN?)  
L18 1324 SEA L17 NOT TAPE  
L19 301 SEA L18 NOT PAPER  
L21 6 SEA (L5 AND (CHITIN OR GROWTH REGULAT?)) NOT (L9 OR L11 OR  
L19)  
L22 161 SEA PHENOL## (25A) TERMIT?  
L23 159 SEA L22 NOT (L9 OR L11 OR L19 OR L21)  
L24 144 DUP REM L23 (15 DUPLICATES REMOVED)

Reviewed online

Key term here.  
a broader search

AN 2001:195252 CAPLUS  
TI Termite control compositions  
IN Mcpherson, Brice A.; Wood, David L.  
PA The Regents of the University of California, USA  
SO U.S., 13 pp.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 6203811	B1	20010320	US 1999-313126	19990517
PRAI	US 1998-86154	P	19980519		

AB Provided are **termite phagostimulatory** compositions extracted from fungi coexisting with subterranean **termites**. In a preferred embodiment, a subterranean termite feeding stimulant is obtained from extracts of fungi coexisting with *Reticulitermes hesperus*. Termite feeding stimulants in accordance with the present invention may be incorporated into termiticide-treated bait-based systems and methods to selectively target and enhance control of subterranean termites. Also provided are compositions which deter feeding of subterranean termites. These phagodeterrent compositions may be obtained from non-polar extracts of subterranean termite-associated fungus-colonized filter paper. They may also find useful application in termite control strategies, for example, by deterring subterranean termites from colonizing or feeding on particular substrates and structures.

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

AN 1991:160748 CAPLUS  
DN 114:160748  
TI Antifeeding constituents of Phellodendron chinense fruit against  
Reticulitermes speratus  
AU Su, Rong Hui; Kim, Mujo; Yamamoto, Takehiko; Takahashi, Shozo  
CS Taiyo Kagaku Co., Ltd., Yokkaichi, 510, Japan  
SO Nippon Noyaku Gakkaishi (1990), 15(4), 567-72  
CODEN: NNGADV; ISSN: 0385-1559  
DT Journal  
LA English  
AB Principles against insect attack in fruits of P. chinense were examd.  
Prestarved **termite** nymphs showed reduced **feeding**,  
decreased growth, and **increased** mortality when fed on a paper  
disk impregnated with MeOH (1000) or hexane ext. (500 .mu.g/disk) of the  
fruits. Nymphs fed on those exts. died within 30 days instead of their  
normal life span of 2-3 yr. Among 6 identified compds.,  
N-methylflindersine (I), melianone (II), friedelin, 4,10-dimethylene-7-  
isopropyl-5(E)-cyclodecenol, phellochin, and niloticin, I and II showed  
antifeeding activities at >25 and >100 .mu.g/disk, resp.

AN 1997:681667 CAPLUS  
DN 127:344104  
TI **Feeding stimulating** signal in labial gland secretion  
of the subterranean **termite** *Reticulitermes santonensis*  
AU Reinhard, Judith; Hertel, Horst; Kaib, Manfred  
CS Bundesanstalt für Materialforschung und -prüfung, Berlin, 12200, Germany  
SO J. Chem. Ecol. (1997), 23(10), 2371-2381  
CODEN: JCECD8; ISSN: 0098-0331  
PB Plenum  
DT Journal  
LA English  
AB The paired labial glands of the French subterranean termite *Reticulitermes santonensis* Feytaud are located in the thorax. In the head, the glandular ducts join with those of the water sacs. In feeding choice tests with two semicircles of moist filter paper as food, workers of *R. santonensis* preferred the semicircle treated with labial gland ext. compared to the semicircle treated with water (control). The labial gland secretion carries a signal that **stimulates** gnawing and **feeding** by **termite** workers during food exploitation. The ext. of the labial gland even elicited feeding behavior when applied without food (on glass plates). The content of the water sacs was not effective as a feeding stimulus and neither were different body parts except for the fat-body. Water sacs are thus not a reservoir for the labial gland secretion, but their contents may serve as a solvent or carrier for the phagostimulant signal. The signal is highly polar, heat-resistant, nonvolatile, and thus very persistent. There is evidence that the signal from the labial gland is not species specific. Instead, it might be part of a general strategy by termites to exploit food sources.

AN 95:138630 CABA  
DN 950607437  
TI **Feeding** stimulants to **enhance** bait acceptance by  
Formosan **termites**  
AU Henderson, G.; Kirby, M. L.; Chen, J.  
CS Department of Entomology, Louisiana State University Agricultural Center,  
Baton Rouge, Louisiana, 70803, USA.  
SO Document - International Research Group on Wood Preservation, (1994) No.  
IRG/WP/94-10055, pp. 5. Paper presented at the 25th annual meeting, Bali,  
Indonesia, May29-June3, 1994. 3 ref.  
Publisher: IRG Secretariat. Stockholm  
CY Sweden  
DT Miscellaneous  
LA English  
AB Four nitrogenous compounds (urea and 3 amino acids) were found to increase  
feeding by *Coptotermes formosanus* in the laboratory. A fast screening  
method was developed for detecting feeding stimulants, and using this  
method for 18 amino acids, L-proline and L-lysine were found to be the  
most effective stimulants.

*No "IT" field available in CABA*

AN 1991:530083 CAPLUS  
 DN 115:130083  
 TI **Termite**-controlling agents containing **phenols**  
 IN Takahashi, Yoshimasa  
 PA Chugai Pharmaceutical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03072403	A2	19910327	JP 1990-127115	19900517
	JP 2982821	B2	19991129		
PRAI	JP 1989-125090		19890518		

OS MARPAT 115:130083

AB Termite-controlling agents contain HOC6H5-(m+n)XmYn (X, Y = halo, lower alkyl or alkoxy; m, n = 0-2) as active ingredients. An aq. soln. contg. 0.5% 2,5-dimethylphenol exhibited 100% control of *Coptotermes formosanus* in 30 min.

IT **Termite**  
 (control of, with **phenols**)

IT Insect repellents  
 (**phenols**, for **termite**)

IT Insecticides  
 (**termiticides**, **phenols**)

IT 87-65-0, 2,6-Dichlorophenol 88-04-0, 4-Chloro-3,5-dimethylphenol  
 93-51-6, 2-Methoxy-4-methylphenol 95-48-7, o-Cresol, biological studies  
 95-57-8, o-Chlorophenol 95-65-8, 3,4-Dimethylphenol 95-77-2,  
 3,4-Dichlorophenol 95-87-4, 2,5-Dimethylphenol 95-95-4,  
 2,4,5-Trichlorophenol 105-67-9, 2,4-Dimethylphenol 106-44-5, p-Cresol,  
 biological studies 108-43-0, m-Chlorophenol 108-68-9,  
 3,5-Dimethylphenol 120-83-2, 2,4-Dichlorophenol 526-75-0,  
 2,3-Dimethylphenol 576-24-9, 2,3-Dichlorophenol 576-26-1,  
 2,6-Dimethylphenol 583-78-8, 2,5-Dichlorophenol 591-35-5,  
 3,5-Dichlorophenol 697-82-5, 2,3,5-Trimethylphenol

RL: BIOL (Biological study)  
 (termite-controlling agents contg.)



AN 1965:483773 CAPLUS  
DN 63:83773  
OREF 63:15472h,15473a-b  
TI Response of Reticulitermes flavipes to fractions from fungus-infected wood  
and synthetic chemicals  
AU Watanabe, T.; Casida, J. E.  
CS Univ. of Wisconsin, Madison  
SO Journal of Economic Entomology (1963), 56(3), 300-7  
CODEN: JEENAI; ISSN: 0022-0493  
DT Journal  
LA English  
IT Anisole, p-propenyl-, trans  
Benzene, 1,2-(methylenedioxy)-4-propenyl-, trans-  
Cinnamic acid, cinnamyl ester (styracin)  
Phenol, 2-methoxy-4-propenyl- (isoeugenol), acetate  
(termite attraction by)

AN 1994:292154 CAPLUS  
 DN 120:292154  
 TI Insecticidal composition for temporary control of termites in soil.  
 IN Pallaske, Michael; Wegen, Hans Werner; Hiller, Johannes Christian;  
 Stiefbold, Maurice  
 PA Desowag Materialschutz GmbH, Germany  
 SO Ger. Offen., 5 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4231045	A1	19940324	DE 1992-4231045	19920917
	FR 2695539	A1	19940318	FR 1993-11003	19930915
PRAI	DE 1992-4231045		19920917		
ST	<b>termiticide phenol</b> terpene				
IT	Diterpenes and Diterpenoids				
	<b>Phenols</b> , uses				
	Sesquiterpenes and Sesquiterpenoids				
	Terpenes and Terpenoids, uses				
	RL: BIOL (Biological study)				
	(termiticides contg. terpenes and)				
IT	Insecticides				
	(termiticides, phenols- and terpenes-contg. compns.)				
IT	80-56-8D, .alpha.-Pinene, mixts. with <b>phenols</b> 89-83-8D,				
	2-Isopropyl-5-methylphenol, mixts. with terpenes 97-53-0D,				
	4-Allyl-2-methoxyphenol, mixts. with terpenes 99-86-5D,				
	.alpha.-Terpinene, mixts. with <b>phenols</b> 138-86-3D, Limonene,				
	mixts. with <b>phenols</b> 464-17-5D, 2-Bornene, mixts. with				
	<b>phenols</b> 507-70-0, Borneol 586-62-9D, Terpinolene, mixts. with				
	<b>phenols</b> 1490-04-6D, Menthol, mixts. with <b>phenols</b>				
	2867-05-2D, .alpha.-Thujene, mixts. with <b>phenols</b> 5502-88-5D,				
	Carvomenthene, mixts. with <b>phenols</b>				
	RL: BIOL (Biological study)				
	(termiticides)				

AN 1995:589512 CAPLUS  
 DN 122:313442  
 TI Technique for preparing feed additives containing volatile substances or irritating flavors  
 IN Rossi, Jean  
 PA Crina S.A., Switz.  
 SO Eur. Pat. Appl., 6 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 646321	A1	19950405	EP 1994-115095	19940924
	EP 646321	B1	19991215		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
	CH 687053	A	19960913	CH 1993-3000	19931005
	US 5558889	A	19960924	US 1994-309675	19940921
	CA 2132805	AA	19950406	CA 1994-2132805	19940923
	AT 187605	E	20000115	AT 1994-115095	19940924
	ES 2142368	T3	20000416	ES 1994-115095	19940924
	FI 9404630	A	19950406	FI 1994-4630	19941004
	HU 70314	A2	19950928	HU 1994-2843	19941004
	JP 07184561	A2	19950725	JP 1994-266363	19941005
PRAI	CH 1993-3000	A	19931005		

AB A compn. of additives for animal feed includes a soln. of volatile and/or irritating products in a liq. coagulating agent which is absorbed on a vegetable and/or mineral carrier in particles. This carrier is, at least partially, coated with coagulated protein particles bound to this same carrier to diminish the free contact area of the carrier. The additive compn. can be advantageously blended with premixes or with animal feed. Thus, 25 g capsaicin and 25 g piperin were dissolved into 125 g m-cresol, and the soln. was absorbed in 250 g of sawdust in a mixer for 2-15 min. Then, the following products were added in the order given, and each product blended for 2-15 min: 25 g of a **resorcin** soln. in m-cresol, 100 g milk powder, 25 g tannin, and 250 g **sawdust**. Finally, the mass was sprayed with 75 g water and mixed for 5-15 min, packaged in waterproof bags, and stored at room temp. for 48-72 h. After storage the product was rehomogenized and blended with premix. Evapn. loss from premix contg. 1% additive was <10%, and human skin irritation from capsaicin was markedly decreased.

*Resorcinol + Sawdust + . . .*

AN 1976:76034 CAPLUS  
 DN 84:76034  
 TI Composition for impregnation of wood  
 IN Belyi, V. A.; Kupchinov, B. I.; Kalennikov, E. A.; Neshik, A. P.; Pavlov, V. I.; Rodnenkov, V. G.  
 PA Institute of the Mechanics of Metal-Polymer Systems, Academy of Sciences, Belorussian S.S.R., USSR  
 SO U.S.S.R.  
 From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1975, 52(45), 43.  
 CODEN: URXXAF  
 DT Patent  
 LA Russian  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 494285	T	19751205	SU 1973-1976052	19731210
PRAI	SU 1973-1976052		19731210		

AB Physicomech. properties and heat resistance of **wood** were increased and the friction coeff. was decreased by using as antifriction materials a mixt. of alkylated **resorcinol** [108-46-3] 40-48, formaldehyde [50-00-0] 16-20, and Na hypophosphite [7681-53-0] 4.2-5.0 in addn. to CuSO4 [7758-98-7] 1.8-3 wt.%; the balance was glycerol [56-81-5].

IT **1,3-Benzenediol**, alkylated  
 RL: USES (Uses)  
 (antifriction materials contg., for **wood**)

AN 1986-241469 [37] WPIDS  
DNN N1986-180366 DNC C1986-103847  
TI Cockroach repellent building material prepn. - by applying cockroach repellent-contg. undercoating to material and surface-finishing.  
DC C03 F09 G02 P73 Q43  
PA (MATW) MATSUSHITA ELECTRIC WORKS LTD  
CYC 1  
PI JP 61169547 A 19860731 (198637)\* 3p  
ADT JP 61169547 A JP 1985-8183 19850118  
PRAI JP 1985-8183 19850118  
AB JP 61169547 A UPAB: 19930922  
Coated building material for use as flooring, wall material, ceiling material, etc., is obtd. by applying undercoat paint contg. cockroach repellent (e.g., t-methylcresol or 2-t-butyl-4-hydroxyanisole) to the surface of building material (e.g., plywood, particle board, fibre board, etc.) and then bonding a surface finishing material (e.g., sliced wood plate etc.) of thickness 0.2-0.5mm to the surface of the building material. Surface finishing paint of any type is coated on the surface of the building material.  
USE/ADVANTAGE - The building material effectively prevents the intrusion of cockroaches into rooms, etc., through floors, walls, ceilings, etc., and eliminates the need for frequent spreading of cockroach repellent.  
0/0

AN 1974:459360 CAPLUS  
DN 81:59360  
TI Arsenical compounds and compositions of creosote and said compounds  
IN Johanson, Ronould  
PA Commonwealth Scientific and Industrial Research Organization  
SO Pat. Specif. (Aust.), 17 pp.  
CODEN: ALXXAP  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	AU 446168		19740314	AU 1970-12147	19690409 <--
AB	The arsenic derivs. of phenols I (R, R1 and R2 = hydrogen, lower alkyl, OH or CO2H) are wood preservatives against termites. Thus, impregnation of eucalyptus wood with I(R = R1= R2 = H) [23886-57-9], at 0.015% As2O3 as2O3 content, completely controlled termites. I are prepd. from arsenic trioxide [1327-53-3] and the corresponding phen ols.				

*maybe use later  
for "Derivative/precursor"  
if really need and*

Date no good

AN 1999:678272 CAPLUS  
DN 131:296523  
TI Termiticides containing different classes of active ingredients and their usage  
IN Yaga, Tsuguyoshi; Sogabe, Akiyoshi  
PA Paint House K. K., Japan  
SO Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11292712	A2	19991026	JP 1998-102310	19980414
PRAI	JP 1998-102310		19980414		

AB The termiticides contain .gtoreq.2 naturally-occurring antitermite components which belong different classes when classified base on the chem. structure and/or action mechanism. The termiticides are used by applying to an object and further coating the object with an org. coating compn. A cube of pine **wood** was coated with a compn. contg. guaiacol, **catechol**, nicotine, permethrin, methylhydroquinone, dodecylbenzenesulfonic acid, iso-Pr alc., Nikasol 963A, and H2O, let stand at room temp. for 2 days, and then coated with WC-PX-F (a urethane coating). The cube showed excellent termiticidal activity on *Coptotermes formosanus okinawanus*.

WOOD coated with ---

AN 1972:444349 CAPLUS  
 DN 77:44349  
 TI Insecticidal material of sustained release action  
 IN Goulden, Ralph; Davies, Lyn  
 PA Shell Internationale Research Maatschappij N. V.  
 SO Ger. Offen., 15 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

Dichlofos/ Dichlorovos

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2149933	A	19720413	DE 1971-2149933	197111006
	BE 773218	A2	19720329	BE 1971-3435	19710929
	NL 7113632	A	19720411	NL 1971-13632	197111005
	FR 2110289	A5	19720602	FR 1971-35946	197111006
	FR 2110289	B1	19740621		
	ZA 7106690	A	19720726	ZA 1971-6690	197111006
	AU 7134285	A1	19730412	AU 1971-34285	197111006
	AT 315574	B	19740527	AT 1971-8632	197111006
	ES 395769	A1	19741016	ES 1971-395769	197111006
	CA 965349	A1	19750401	CA 1971-124601	197111006
	CH 575713	A	19760531	CH 1971-14501	197111006
PRAI	GB 1970-47905		19701008		

AB The **insecticidal** material (esp. useful against houseflies) of sustained release action consisted of blotting **paper** impregnated with active dimethyl (2,2-dichlorovinyl) phosphate (I) [62-73-7] and nonvolatile **hydroquinone** (II) [123-31-9] and coated or covered with a I-permeable polymer, e.g. poly(vinyl chloride) [9002-86-2], thermoplastic rubber, or ethylene-vinyl acetate copolymer [24937-78-8]. Thus, 7.5 .tim. 10 cm blotting paper was impregnated with 7-8 g 70-30% I-II mixt. and covered with a plasticized PVC film. The material released I at const. rate for 41 days at 35.deg..

Paper + P-hydroxyphenol + Insectide

102

C/S

33 + 25-27

34

35-38

1, 8-14

17-18,

~~19-20~~



AN 1977-64895Y [36] WPIDS  
TI Preserving **wood** chips during storage to avoid microbial growth -  
by treatment with sodium bisulphite and **resorcinol** or  
(p)-nitrophenol.

DC C03 D22 E14 E34 F09 P34

PA (USDA) US SEC OF AGRIC

CYC 1

PI US 4045554 A 19770830 (197736)\*

~~PRAT~~ US 1975-618187 19750930

TI Preserving **wood** chips during storage to avoid microbial growth -  
by treatment with sodium bisulphite and **resorcinol** or  
(p)-nitrophenol.

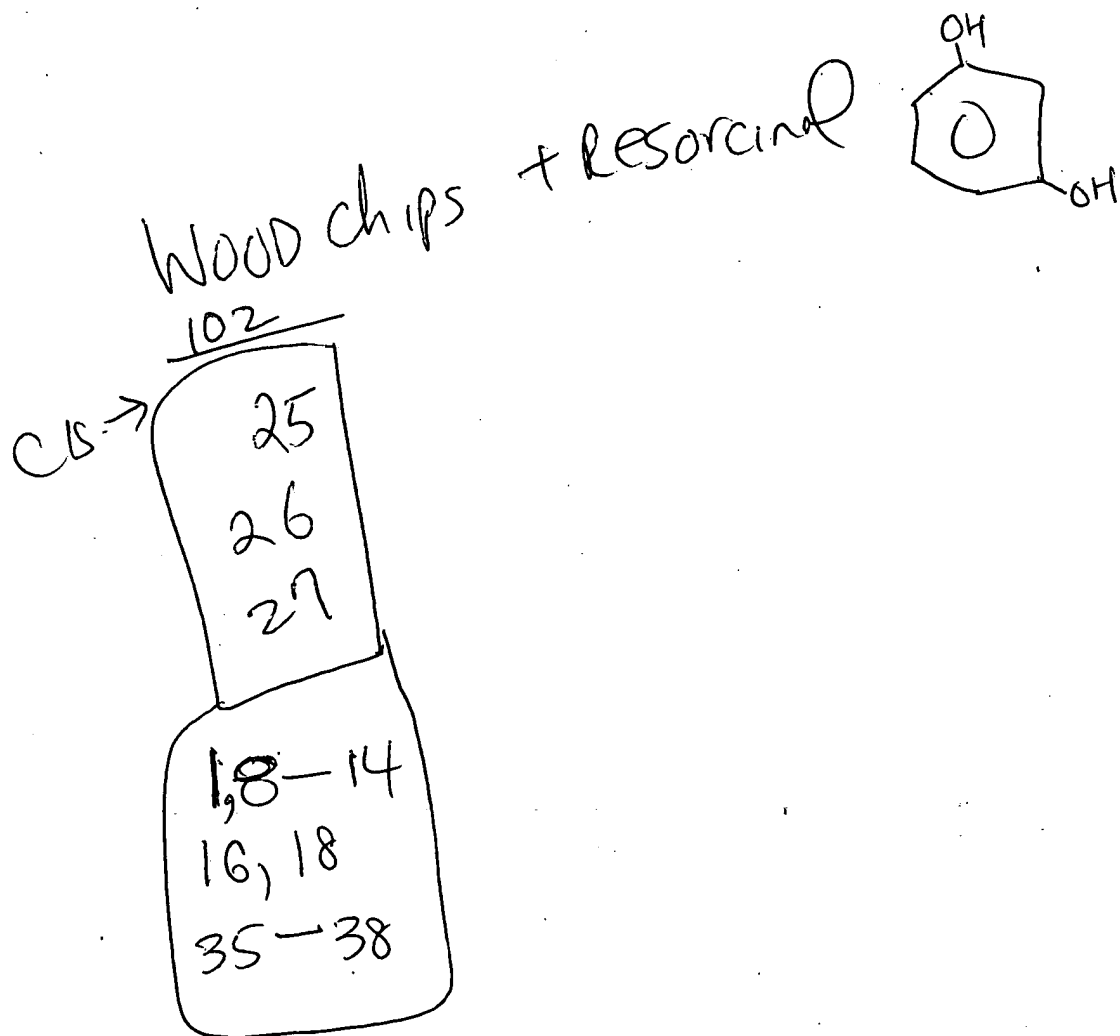
AB US 4045554 A UPAB: 19930901

Wood substance, brightness and tall oil in stored **wood**  
chips is preserved by treatment with aq. soln. contg. 2% NaHSO3 and 0.35%  
**resorcinol** or 0.3% p-nitrophenol. The aq. soln. may also be used  
to retard deterioration in wheat, corn, straw, cane, bagasse or  
**wood**.

The NaHSO3 and phenol act synergistically as preservatives, the  
effect lasting longer than when the two substances are used separately in  
known way; bacterial and fungal growth is inhibited.

In an example, fresh aspen chips were immersed for 10 mins. in 2% aq.  
NaHSO3 and 0.3% p-nitrophenol. No microbial growth occurred on storage  
for 3 months.

TT TT: PRESERVE **WOOD** CHIP STORAGE AVOID MICROBE GROWTH TREAT SODIUM  
**RESORCINOL** P NITROPHENOL.

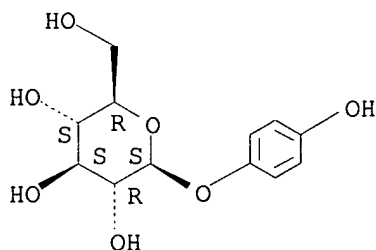


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

310 REFERENCES IN FILE CA (1967 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
311 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
20 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2002 ACS  
RN 497-76-7 REGISTRY  
CN .beta.-D-Glucopyranoside, 4-hydroxyphenyl (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Arbutin (8CI)  
CN Glucopyranoside, p-hydroxyphenyl, .beta.-D- (6CI, 7CI)  
OTHER NAMES:  
CN .beta.-Arbutin  
CN 4-Hydroxyphenyl .beta.-D-glucopyranoside  
CN Arbutine  
CN Hydroquinone .beta.-D-glucopyranoside  
CN p-Hydroxyphenyl .beta.-D-glucopyranoside  
CN p-Hydroxyphenyl .beta.-D-glucoside  
CN Ursin  
CN Uvasol  
FS STEREOSEARCH  
DR 30373-96-7  
MF C12 H16 O7  
CI COM  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DETHERM\*, DIOGENES, DRUGU,  
EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT,  
NIOSTIC, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

709 REFERENCES IN FILE CA (1967 TO DATE)  
20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
711 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2002 ACS  
RN 154-23-4 REGISTRY  
CN 2H-1-Benzopyran-3,5,7-triol, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-,  
(2R,3S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2H-1-Benzopyran-3,5,7-triol, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-,  
(2R-trans)-

CN **Catechol (8CI)**

OTHER NAMES:

CN (+)-(2R:3S)-5,7,3',4'-Tetrahydroxyflavan-3-ol

CN (+)-3',4',5,7-Tetrahydroxy-2,3-trans-flavan-3-ol

CN (+)-Catechin

CN (+)-Catechol

CN (+)-Cianidanol

CN (+)-Cyanidan-3-ol

CN (+)-Cyanidanol

CN (+)-Cyanidanol-3

CN 3-Cyanidanol, (+)-

CN Biocatechin

CN Catechin

CN Catechin (flavan)

CN Catechinic acid

CN Catechol (flavan)

CN Catechuic acid

CN Catergen

CN Cianidanol

CN Cyanidanol

CN D-(+)-Catechin

CN D-Catechin

CN d-Catechin

CN D-Catechol

CN trans-(+)-3,3',4',5,7-Flavanpentol

FS STEREOSEARCH

DR 321-01-7, 16198-00-8, 4211-28-3, 5323-80-8, 159761-73-6

MF C15 H14 O6

CI COM

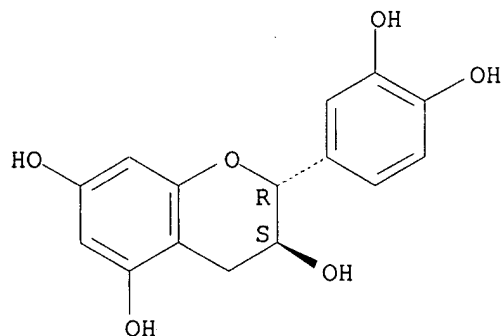
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU,  
EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT,  
NIOSHTIC, PDLCOM\*, PHAR, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER,  
TOXLIT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



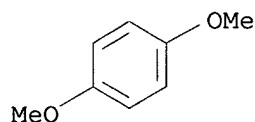
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3584 REFERENCES IN FILE CA (1967 TO DATE)

231 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

3591 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2002 ACS  
RN 150-78-7 REGISTRY  
CN Benzene, 1,4-dimethoxy- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzene, p-dimethoxy- (8CI)  
OTHER NAMES:  
CN 1,4-Dimethoxybenzene  
CN 1,4-Dimethoxybenzol  
CN 4-Methoxyanisole  
CN DMB  
CN Hydroquinone dimethyl ether  
CN Methyl 4-methoxyphenyl ether  
CN Methyl p-methoxyphenyl ether  
CN p-Dimethoxybenzene  
CN p-Hydroquinone dimethyl ether  
CN p-Methoxyanisole  
CN Quinol dimethyl ether  
FS 3D CONCORD  
MF C8 H10 O2  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM\*, EMBASE, GMELIN\*, HODOC\*,  
HSDB\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC,  
PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, ULIDAT, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*Enter CHEMLIST File for up-to-date regulatory information)

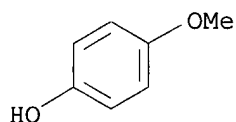


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1572 REFERENCES IN FILE CA (1967 TO DATE)  
15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1574 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2002 ACS  
RN 150-76-5 REGISTRY  
CN Phenol, 4-methoxy- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Phenol, p-methoxy- (7CI, 8CI)  
OTHER NAMES:  
CN 1-Hydroxy-4-methoxybenzene  
CN 4-Hydroxyanisole  
CN 4-Methoxyphenol  
CN BMS 181158  
CN HQMME  
CN Hydroquinone methyl ether  
CN Hydroquinone monomethyl ether  
CN Leucobasal

CN Leucodine B  
 CN Mechinolum  
 CN MEHQ  
 CN Mequinol  
 CN Novo-Dermoquinona  
 CN p-Guaiacol  
 CN p-Hydroxyanisol  
 CN p-Hydroxyanisole  
 CN p-Hydroxymethoxybenzene  
 CN p-Methoxyphenol  
 CN PMF (antioxidant)  
 FS 3D CONCORD  
 MF C7 H8 O2  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES,  
 DIPPR\*, DRUGU, EMBASE, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 IPA, MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*,  
 SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, ULIDAT, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

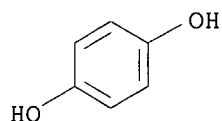


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4788 REFERENCES IN FILE CA (1967 TO DATE)  
 66 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 4792 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2002 ACS  
 RN 123-31-9 REGISTRY  
 CN 1,4-Benzenediol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Hydroquinone (8CI)  
 OTHER NAMES:  
 CN 1,4-Benzoquinol  
 CN 1,4-Dihydroxybenzene  
 CN 4-Hydroxyphenol  
 CN Arctuvine  
 CN Benzohydroquinone  
 CN Benzoquinol  
 CN BQ(H)  
 CN Diak 5  
 CN Dihydroquinone  
 CN Eldopaque  
 CN Eldoquin  
 CN HE 5  
 CN Hydroquinol  
 CN p-Benzenediol  
 CN p-Dihydroquinone  
 CN p-Dihydroxybenzene  
 CN p-Dioxybenzene  
 CN p-Hydroquinone

CN p-Hydroxyphenol  
 CN p-Phenylenediol  
 CN p-Quinol  
 CN Phiaquin  
 CN Quinol  
 CN Tecquinol  
 CN Tenox HQ  
 FS 3D CONCORD  
 DR 8027-02-9, 57534-13-1  
 MF C6 H6 O2  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,  
 DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
 ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PHAR,  
 PHARMASEARCH, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER,  
 TOXLIT, TRCTHERMO\*, TULSA, ULIDAT, USAN, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

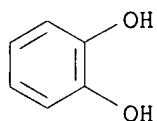


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14267 REFERENCES IN FILE CA (1967 TO DATE)  
 630 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 14274 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2002 ACS  
 RN 120-80-9 REGISTRY  
 CN 1,2-Benzenediol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Pyrocatechol (8CI)  
 OTHER NAMES:  
 CN 1,2-Dihydroxybenzene  
 CN 2-Hydroxyphenol  
 CN C.I. 76500  
 CN C.I. Oxidation Base 26  
 CN Catechin  
 CN Catechin (phenol)  
 CN **Catechol**  
 CN Catechol (phenol)  
 CN Durafur Developer C  
 CN Fouramine PCH  
 CN Fourrine 68  
 CN o-Benzenediol  
 CN o-Dihydroxybenzene  
 CN o-Dioxybenzene  
 CN o-Hydroquinone  
 CN o-Hydroxyphenol  
 CN o-Phenylenediol  
 CN Oxyphenic acid  
 CN Pelagol Grey C

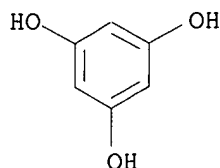
CN Phthalhydroquinone  
 CN Phthalic alcohol  
 CN Pyrocatechin  
 CN Pyrocatechine  
 FS 3D CONCORD  
 DR 16474-89-8, 16474-90-1, 37349-32-9  
 MF C6 H6 O2  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,  
 DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
 ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA,  
 PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, TRCTHERMO\*,  
 TULSA, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

11941 REFERENCES IN FILE CA (1967 TO DATE)  
 1113 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 11950 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2002 ACS  
 RN 108-73-6 REGISTRY  
 CN 1,3,5-Benzenetriol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **Phloroglucinol (8CI)**  
 OTHER NAMES:  
 CN 1,3,5-Trihydroxybenzene  
 CN Benzene-s-triol  
 CN Phloroglucin  
 CN Phloroglucine  
 CN sym-Trihydroxybenzene  
 FS 3D CONCORD  
 MF C6 H6 O3  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM\*, DRUGU, EMBASE,  
 GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
 MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE,  
 TOXCENTER, TOXLIT, TULSA, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2490 REFERENCES IN FILE CA (1967 TO DATE)  
 142 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2492 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2002 ACS

RN 108-46-3 REGISTRY

CN 1,3-Benzenediol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Resorcinol (8CI)**

OTHER NAMES:

CN 1,3-Dihydroxybenzene

CN 3-Hydroxyphenol

CN C.I. 76505

CN C.I. Developer 4

CN C.I. Oxidation Base 31

CN Developer O

CN Developer R

CN Developer RS

CN Durafur Developer G

CN Fouramine RS

CN Fourrine 79

CN Fourrine EW

CN m-Benzenediol

CN m-Dihydroxybenzene

CN m-Hydroquinone

CN m-Hydroxyphenol

CN m-Hydroxyphenol

CN m-Phenylenediol

CN Nako TGG

CN Pelagol Grey RS

CN Pelagol RS

CN Reso

CN Resorcin

CN Rodol RS

CN RS 11H

CN RS 11L

FS 3D CONCORD

MF C6 H6 O2

CI COM

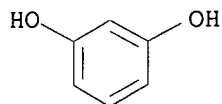
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, TRCTHERMO\*, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)





\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9741 REFERENCES IN FILE CA (1967 TO DATE)  
 1009 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 9750 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2002 ACS  
 RN 106-34-3 REGISTRY  
 CN 2,5-Cyclohexadiene-1,4-dione, compd. with 1,4-benzenediol (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4-Benzenediol, compd. with 2,5-cyclohexadiene-1,4-dione (1:1) (9CI)  
 CN Benzoquinone, compd. with hydroquinone (7CI)  
 CN Hydroquinone, compd. with p-benzoquinone (1:1) (8CI)  
 CN p-Benzoquinone, compd. with hydroquinone (1:1) (8CI)

OTHER NAMES:

CN .beta.-Quinhydrone  
 CN Green hydroquinone  
 CN p-Benzoquinhydrone  
 CN p-Benzoquinone-hydroquinone compound (1:1)

CN **Quinhydrone**

MF C6 H6 O2 . C6 H4 O2

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DETHERM\*, GMELIN\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PIRA, RTECS\*, SPECINFO, TOXCENTER, TOXLIT, TULSA, USPATFULL

(\*File contains numerically searchable property data)

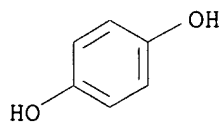
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 123-31-9

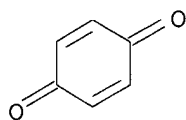
CMF C6 H6 O2

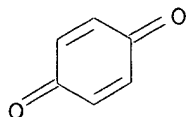


CM 2

CRN 106-51-4

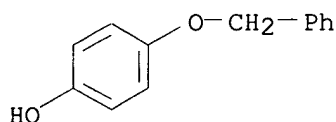
CMF C6 H4 O2





330 REFERENCES IN FILE CA (1967 TO DATE)  
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 330 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2002 ACS  
 RN 103-16-2 REGISTRY  
 CN Phenol, 4-(phenylmethoxy)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Phenol, p-(benzyloxy)- (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN 4-(Benzyloxy)phenol  
 CN 4-(Phenylmethoxy)phenol  
 CN AgeRite Alba  
 CN Alba-Dome  
 CN Benoquin  
 CN Benzoquin  
 CN Benzyl p-hydroxyphenyl ether  
 CN Carmifal  
 CN Depigman  
 CN Dermochinona  
 CN Hydroquinone benzyl ether  
 CN Hydroquinone monobenzyl ether  
 CN Leucodinine  
 CN Monobenzon  
 CN Monobenzone  
 CN Monobenzyl ether hydroquinone  
 CN Monobenzyl hydroquinone  
 CN p-(Benzyloxy)phenol  
 CN p-Hydroxyphenyl benzyl ether  
 CN Pigmex  
 CN Superlite  
 CN Superlite (antioxidant)  
 FS 3D CONCORD  
 MF C13 H12 O2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU,  
 EMBASE, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
 MSDS-OHS, NIOSHTIC, PHAR, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE,  
 TOXCENTER, TOXLIT, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



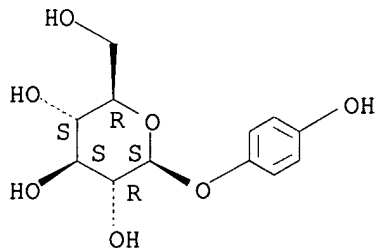
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

702 REFERENCES IN FILE CA (1967 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
702 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
50 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 497-76-7 REGISTRY  
 CN .beta.-D-Glucopyranoside, 4-hydroxyphenyl (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Arbutin (8CI)  
 CN Glucopyranoside, p-hydroxyphenyl, .beta.-D- (6CI, 7CI)  
 OTHER NAMES:  
 CN .beta.-Arbutin  
 CN 4-Hydroxyphenyl .beta.-D-glucopyranoside  
 CN Arbutine  
 CN Hydroquinone .beta.-D-glucopyranoside  
 CN p-Hydroxyphenyl .beta.-D-glucopyranoside  
 CN p-Hydroxyphenyl .beta.-D-glucoside  
 CN Ursin  
 CN Uvasol  
 FS STEREOSEARCH  
 DR 30373-96-7  
 MF C12 H16 O7  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DETHERM\*, DIOGENES, DRUGU,  
 EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT,  
 NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, TOXLIT, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

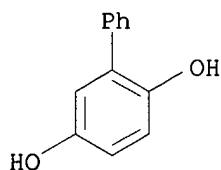


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

709 REFERENCES IN FILE CA (1967 TO DATE)  
 20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 711 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 1-13

L7 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2002 ACS  
RN 1079-21-6 REGISTRY  
CN [1,1'-Biphenyl]-2,5-diol (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2,5-Biphenyldiol (8CI)  
CN Hydroquinone, phenyl- (6CI, 7CI)  
OTHER NAMES:  
CN 1,4-Benzenediol, phenyl-  
CN 1,4-Dihydroxy-2-phenylbenzene  
CN 2,5-Dihydroxybiphenyl  
CN 2-Phenyl-1,4-benzenediol  
CN 2-Phenyl-1,4-dihydroxybenzene  
CN 2-Phenyl-1,4-hydroquinone  
CN 2-Phenylhydroquinone  
CN Phenyl-p-hydroquinone  
CN **Phenylhydroquinone**  
FS 3D CONCORD  
DR 123477-71-4, 140627-35-6  
MF C12 H10 O2  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, BIOTECHNO, CA,  
CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,  
CHEMLIST, CIN, CSCHM, CSNB, EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB,  
MEDLINE, NIOSHTIC, PROMT, RTECS\*, SPECINFO, TOXCENTER, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

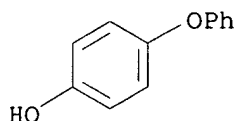


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

198 REFERENCES IN FILE CA (1967 TO DATE)  
10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
199 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2002 ACS  
RN **831-82-3** REGISTRY  
CN Phenol, 4-phenoxy- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Phenol, p-phenoxy- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 4-Hydroxydiphenyl ether  
CN 4-Phenoxyphenol  
CN Hydroquinone monophenyl ether  
CN p-Hydroxydiphenyl ether  
CN p-Phenoxyphenol  
FS 3D CONCORD  
MF C12 H10 O2  
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, HODOC\*, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

434 REFERENCES IN FILE CA (1967 TO DATE)  
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 435 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2002 ACS  
 RN 824-46-4 REGISTRY  
 CN 1,4-Benzenediol, 2-methoxy- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Hydroquinone, methoxy- (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN 1,4-Dihydroxy-2-methoxybenzene  
 CN 1,4-Dihydroxy-3-methoxybenzene  
 CN 2,5-Dihydroxyanisole  
 CN 2-Methoxy-1,4-benzenediol  
 CN 2-Methoxyhydroquinone  
 CN Methoxy-p-benzohydroquinone  
 CN **Methoxyhydroquinone**  
 CN Methoxyquinol  
 CN Monomethoxyhydroquinone  
 CN o-Methoxyhydroquinone  
 FS 3D CONCORD  
 MF C7 H8 O3  
 CI COM  
 LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, HODOC\*, IFICDB, IFIPAT, IFIUDB, NAPRALERT, PIRA, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

